# Holistic Outcomes from the COMFORT PNS RCT

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### INTRODUCTION

In recent years, holistic outcomes are being used in an attempt to present a more comprehensive assessment of the effectiveness of a device in treating chronic, intractable pain<sup>1</sup>. These composite endpoints are a combination of pain relief and one or more functional outcomes like activities of daily living, mood, sleep, quality of life and impression of change. The COMFORT PNS RCT (Peripheral Nerve Stimulation; Randomized Controlled Trial) is an ongoing study to document the effectiveness and safety of a PNS system with a micro-Implantable Pulse Generator (micro-IPG, Nalu Medical, Inc. Carlsbad, CA).

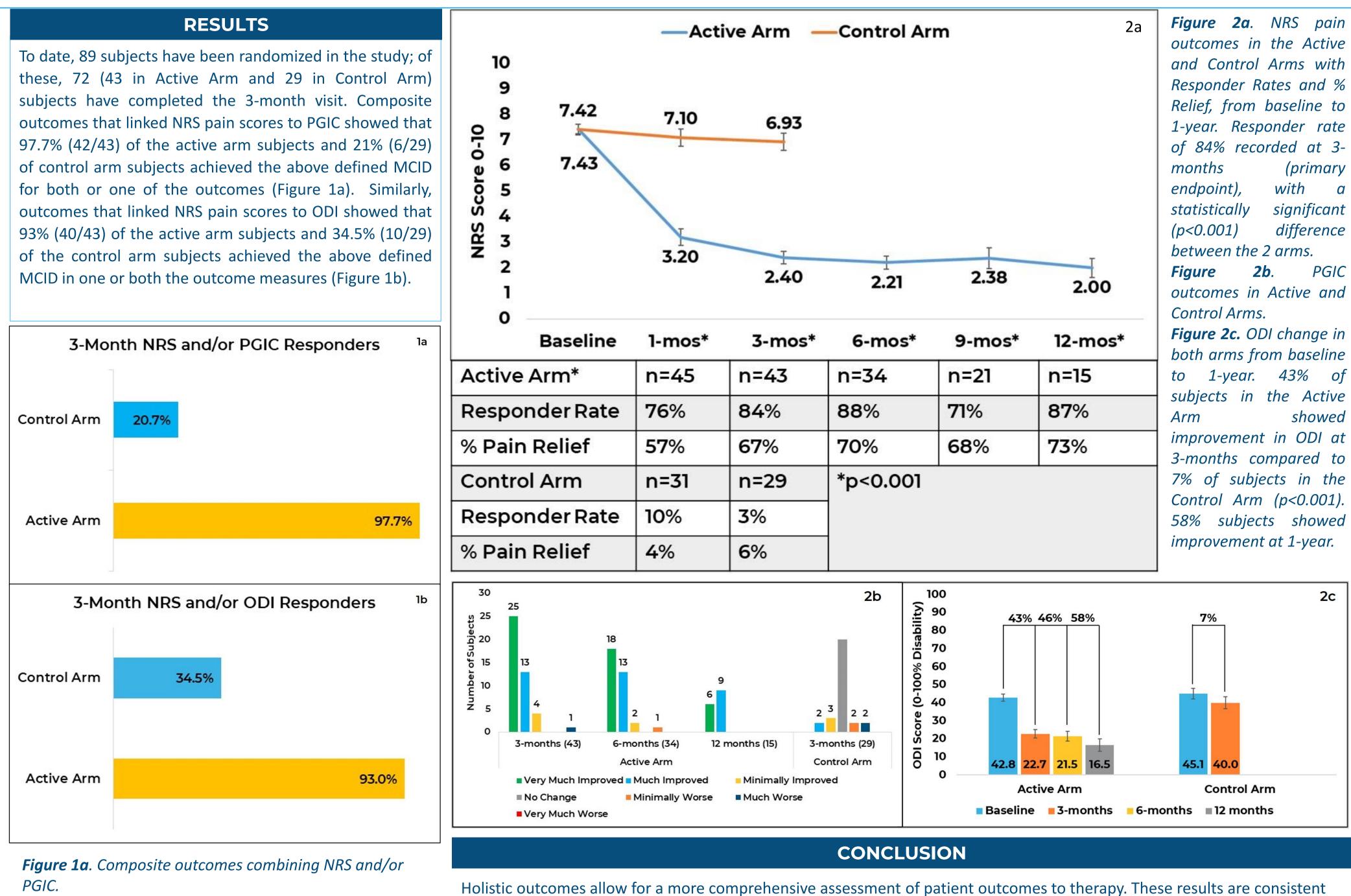
# **METHODS**

The COMFORT study is a post-market, open-label, minimal risk RCT, ongoing at 14 pain management centers in the USA. The study was approved by the Institutional Review Board and in compliance with required regulations. Subjects who are eligible, consented, and prescribed PNS therapy to treat chronic pain in the shoulder, knee, low back and foot will be considered for study participation. Subjects in the active arm, completing a successful trial were implanted with the permanent device and followed out to 36 months from device activation. Subjects in the control arm were followed at same time points and eligible to cross-over at 3-months.

Patient reported outcomes (PRO) were captured and screened for responders based upon Minimal Clinically Important Difference (MCID). These MCIDs were defined based upon the literature, as follows: NRS pain scores (50% reduction<sup>1</sup>), Patient Global Impression of Change (PGIC; Much, very much or minimally improved<sup>1</sup>), Oswestry Disability Index (ODI; 10-point change<sup>2</sup>). This MCID was used to evaluate the composite outcomes at the 3-month endpoint.

# REFERENCES

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*Figure 1b. Composite outcomes combining NRS and/or* ODI.

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with reports on improvements in pain, PGIC, ODI and other functional outcomes in this study<sup>3</sup>.



